



California  
Energy Commission  
Research & Development

# GFO-17-304 Pre-Application Workshop

Programmatic Approach to Existing Buildings  
Research, Development and Demonstration  
Program

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Imbrecht Hearing Room, California Energy Commission  
September 18, 2017  
David Hungerford, Virginia Lew





# Agenda

Time	Topic
2:00 pm	Welcome and Introductions <ul style="list-style-type: none"><li>• Housekeeping</li><li>• Commitment to Diversity</li><li>• Connect with Us</li></ul>
2:15 pm	Solicitation Information <ul style="list-style-type: none"><li>• Program Background, Drivers, and Motivation</li><li>• Purpose, Groups, and Funding</li><li>• Key Dates</li><li>• Application Requirements</li></ul>
3:00 pm	Questions and Answers
4:00 pm	Adjourn



# Housekeeping

- In case of emergency
- Facilities
- Sign-in sheet / Business card sheet
- Updates on solicitation documents including this presentation will be posted at the Grant Funding Opportunity's webpage:  
<http://www.energy.ca.gov/contracts/pier.html#GFO-17-304>



# Commitment to Diversity

The Energy Commission adopted a resolution strengthening its commitment to diversity in our funding programs. We continue to encourage disadvantaged and underrepresented businesses and communities to engage in and benefit from our many programs.

To meet this commitment, Energy Commission staff conducts outreach efforts and activities to:

- Engage with disadvantaged and underrepresented groups throughout the state.
- Notify potential new applicants about the Energy Commission's funding opportunities.
- Assist applicants in understanding how to apply for funding from the Energy Commission's programs.
- Survey participants to measure progress in diversity outreach efforts.

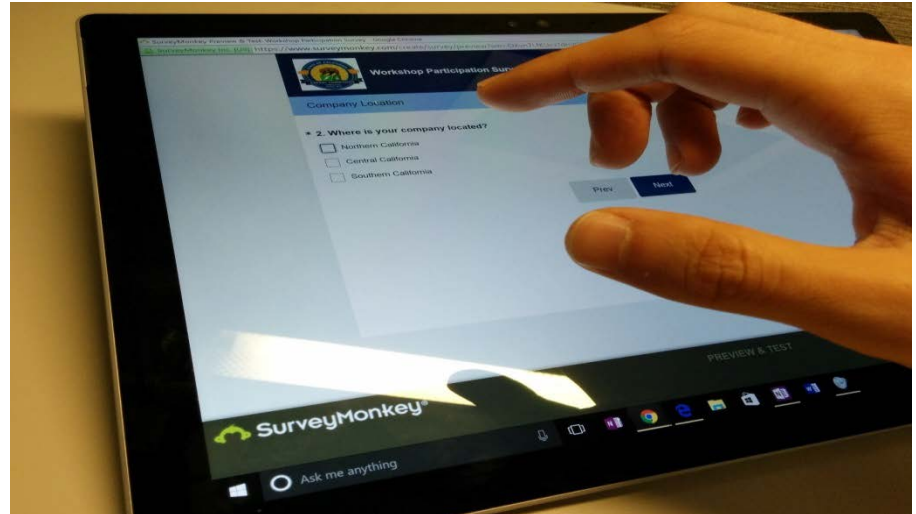
# We Want to Hear From You!

1 minute survey

The information supplied will be used for public reporting purposes to display anonymous overall attendance of diverse groups.

- iPads are being passed around the room
- WebEx participants took the survey when joining

**Thanks for your time!**





# Connect with the Energy Commission



<https://www.facebook.com/CAEnergy/>



<http://bit.ly/CalEnergyNetwork>



<https://twitter.com/CalEnergy>

...and the Energy  
Commission's listserves  
[www.energy.ca.gov/listservers](http://www.energy.ca.gov/listservers)

# Find Partners Through LinkedIn



The Energy Commission has created a user-driven LinkedIn group page to help potential applicants connect, collaborate, and partner on proposals for research funding opportunities. Participants may subscribe to the “**California Energy Commission Networking Hub**” by clicking on this link **[bit.ly/CalEnergyNetwork](https://bit.ly/CalEnergyNetwork)** or searching LinkedIn. By subscribing, you can network with new colleagues and peers.



# LinkedIn Networking Webinar

This networking webinar is an opportunity for interested applicants to introduce themselves, explain their interests in this solicitation, and what they seeking from potential project partners. Individuals are encouraged to participate to leverage their connections.

The one-hour, moderated webinar will held be: **September 26, at 4 PM**

Go to [energy.webex.com](https://energy.webex.com) and enter Meeting Number: **922 516 222**

No password is required.

Subscribe to the subgroup: <https://www.linkedin.com/groups/13551339>

## NOTE:

- Energy Commission staff will facilitate introductions.
- Staff involved in development of the solicitation and scoring of proposals will not be present.
- Staff will not provide answers to questions on GFO-17-304
- All questions must be submitted to the Contract Agreement Officer.



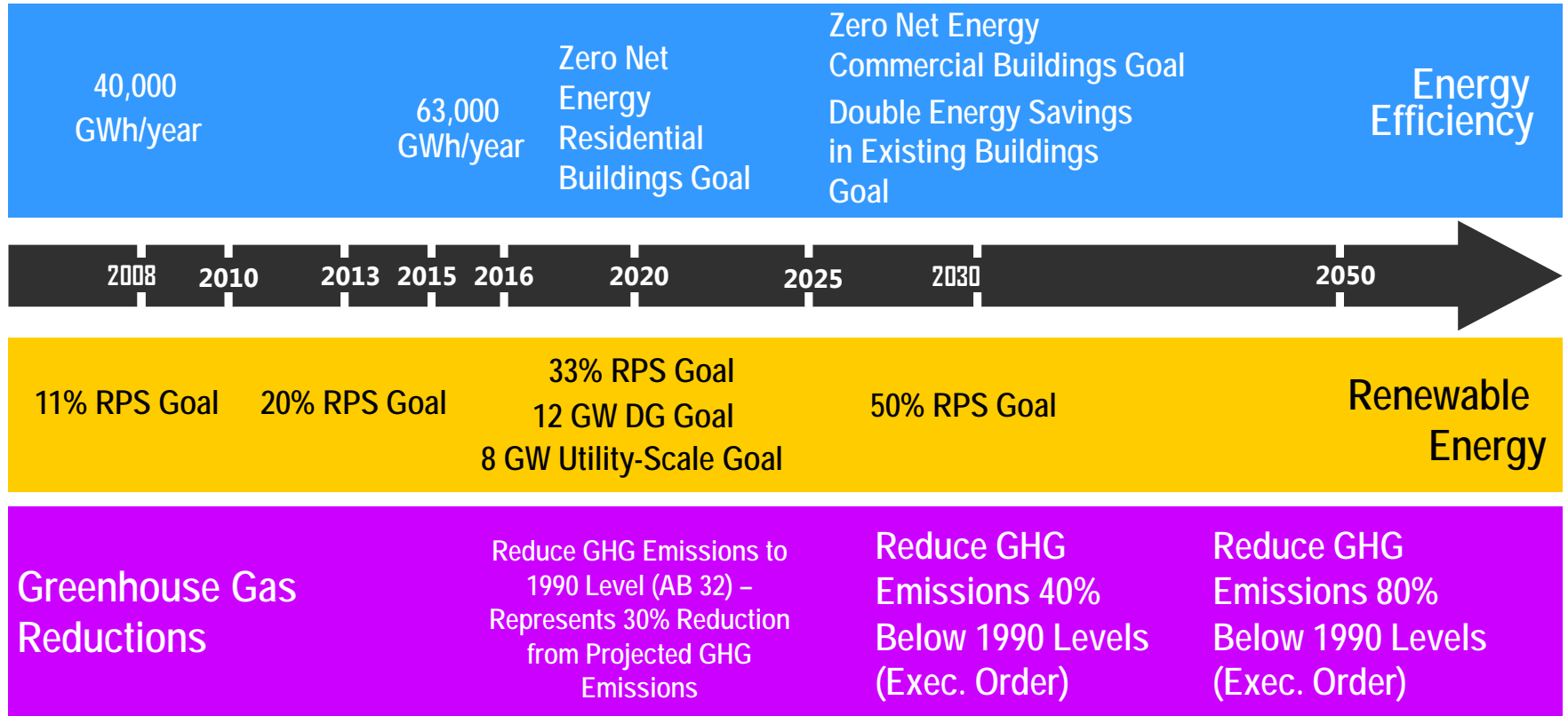




# Background

- The Electric Program Investment Charge (EPIC) is funded by an electricity ratepayer surcharge established by the (CPUC) in 2011
- The purpose of EPIC is to benefit electric ratepayers of three electric investor-owned utilities (PG&E, SDG&E, and SCE)
- EPIC projects promote greater electricity reliability, lower costs, and increased safety
- Funded projects must lead to technological advancement and breakthroughs to overcome the barriers that prevent the achievement of the state's statutory energy goals
- Annual program funds total \$162 million with 80% administered by the California Energy Commission

# State Energy Policy Drivers





# Policy Drivers for Building Efficiency RD&D

- California Existing Buildings Energy Efficiency Action Plan
- AB 32 (Global Warming Solutions Act of 2006)
- AB 758 (Energy Efficiency Existing Buildings)
- SB 350 (Double efficiency by 2030 and Low Income Barriers Study)
- CPUC's Energy Efficiency Strategic Plan
- Title 20 and Title 24 Energy Efficiency Standards

# CEC EPIC Program

## Applied Research and Development

Applied Research and Development includes activities to support pre-commercial technologies and approaches at applied lab-level or pilot-level stages.

## Technology Demonstration and Deployment

Technology Demonstration and Deployment involves installation and operation of pre-commercial technologies or strategies at a scale that will reflect actual operating, performance, and financial characteristics and risks.

## Market Facilitation

Market Facilitation focuses on a range of activities, such as commercialization assistance, local government regulatory assistance and streamlining, market analysis, and program evaluation to support deployment and expand access to clean energy technology and strategies.



# SB 350 Low-Income Barriers Study

December 2016: CEC adopted SB 350 *Low-Income Barriers Study*, which included recommendations to reduce barriers to people in disadvantaged communities (DACs) adopting efficiency and renewables. Recommendations included:

- ▶ EPIC should target 25 percent of TD&D funding for projects sited in DACs
- ▶ RD&D programs should conduct forums to share best practices and case studies on siting projects in DACs
- ▶ CEC should analyze business models that would create market opportunities for clean technology in DACs
- ▶ CEC should sponsor prize competitions and challenges for bringing clean technologies to DACs.

In 2016, 35.7 percent of the funding awarded to TD&D projects went to projects that included at least one site in a disadvantaged community.

[http://www.energy.ca.gov/sb350/barriers\\_report/](http://www.energy.ca.gov/sb350/barriers_report/)



# Solicitation Purpose

*The intent of this “programmatic” solicitation is to allow multiple approaches to be developed, improved and refined with the goal of building a portfolio of proven strategies that are tailored to the individual needs of building owners, and thus dramatically expand the efficiency retrofit market.*

- These programs are intended to bring together technical research and development experts, program design specialists, clean energy finance experts, risk assessment specialists, information technology experts, community based organizations and industry partners
- It is envisioned that each award will result in the development of a team consisting of technology developers working in concert and networking with the trades and others with the goal of maximizing cost beneficial retrofits and spurring widespread adoption.



# Solicitation Focus

## **Address the problem from multiple angles:**

- Develop technology innovations that increase savings and reduce upgrade costs.
- Design game-changing strategies to engage consumers and develop disruptive approaches to public purpose program designs.
- Demonstrate those technology innovations and strategies.
- Identify support resources—including data resources, workforce training and IOU efficiency program funding mechanisms—that facilitate a robust and sustainable private sector of contractors that can help the State achieve its building efficiency goals.



# Solicitation Objectives

**This solicitation will fund projects that meet all or most of the following objectives:**

- Develop portfolios of efficiency retrofit strategies—using both existing and innovative technologies—that can be flexibly applied to the needs of different building owners.
- Develop, test and demonstrate innovative technologies that can reduce the investment required to achieve significant reductions in building energy consumption.
- Identify barriers to emerging energy efficiency and demand side management solutions and develop strategies for eliminating or overcoming those barriers through demonstrations in existing buildings.
- Maximize energy efficiency retrofit participation.





# Solicitation Objectives (cont'd)

- Achieve ancillary benefits such as water savings and other environmental benefits in addition to reducing energy consumption.
- Develop business models utilizing the portfolio of retrofit strategies that can be used by private sector contractors to build viable, sustainable businesses and spur mass adoption and scaleup.
- Include a network of technical research and development experts, program design specialists, clean energy finance experts, risk assessment specialists, community based organizations, and industry partners to overcome the cost and implementation barriers that hinder mass adoption in existing buildings.
- Identify Energy Efficiency Program designs that are needed to support these strategies specifically and the efficiency retrofit market in general.



# Project Goals

## **The goal is for the retrofitted facilities to demonstrate:**

- Potential strategies that will achieve a minimum 10 percent average (residential) and 20 percent average (commercial) reduction in on-site electricity use. Natural gas savings can also be included as additional benefits.
- Potential for cost effectiveness and scalability of the retrofit approach to stand on its own merits and be deployed broadly in the future, assuming no further EPIC funding.
- Potential retrofit packages that can meet the economic requirements of the existing building sector demonstrated (e.g., simple paybacks that reflect the implicit investment needs of the targeted customers).



# Project Goals (cont'd)

## **The goal is for the retrofitted facilities to demonstrate:**

- Potential for data sharing of project results, including documentation of energy savings and other benefits and inclusion in future Investor-Owned-Utility incentive programs, on-bill financing, Energy Commission loans or other programs.
- Different approaches for different sectors, as well as the adaptability of different approaches to the needs of different subsets of customers
  - *The portfolio of approaches should apply across the majority of potential customers*



# Project Focus

**Each award will be comprised of both Applied Research (1/3) and Technology Demonstration and Deployment (2/3) funds.**

- The research strategies developed during the applied research phase of the project are intended to identify, test and then demonstrate innovative technologies and implementation strategies that can significantly reduce the costs that can increase the uptake and scalability of energy efficiency improvements in buildings.
- It is expected that strategy development and pilot testing will be used to select the most effective portfolios of technologies and implementation strategies for demonstration and large scale deployment.



## Project Focus (cont'd)

*While it is recognized that any specific technology, approach or strategy cannot be applied to all existing buildings or even address all barriers, the programs should address as many of the following issues as possible:*

Technologies that significantly improve efficiency in existing buildings at significantly reduced implementation cost over current standard approaches by:

- ▶ Reducing consumption directly through technology improvements, controls and/or operational strategies. These can include technologies listed in this section and that result in direct energy or load reductions,
- ▶ Improving the ability of retrofit contractors to identify the most impactful suite of measures that fit a potential participant's needs,
- ▶ Developing resources and tools that help retrofit contractors identify potential customers, and
- ▶ Reducing equipment and installation costs.

Refer to Section II.B.2.



## Project Focus (cont'd)

Techniques and strategies for improving uptake of efficiency measures should focus on:

- ▶ Reducing customer acquisition costs,
- ▶ Increasing uptake rates and scalability,
- ▶ Reducing non-compliance with existing code requirements,
- ▶ Simple documentation and verification of energy savings and benefits to document quantitative and qualitative benefits and savings to the financial markets, building owners and others,
- ▶ Reducing technical and financial risk to the public/private markets due to lack of technical expertise and knowledge, and
- ▶ Developing creative mechanisms for financing retrofits with involvement by the financial industry.

Refer to Section II.B.2.

# Applied Research Focus

- The Applied Research elements of the programs could precede or run in parallel with Technology Demonstration and Deployment.
- The research program should develop technological improvements and implementation techniques that together form comprehensive strategies for both increasing impacts and expanding consumer participation.



## Applied Research Focus (cont'd)

*Primary focus is to develop technologies and strategies to address key market barriers to installing energy efficiency measures and then to test the strategies in a limited number of existing buildings to show effectiveness and potential to achieve a minimum 10 percent (average) residential and/or 20 percent average (commercial) reduction in on-site electricity use from energy efficiency.*

**The proposal must include the following, at a minimum, in the Scope of Work (Attachment 6):**

- Identify potential innovative technologies to be developed and tested.
- Develop multiple retrofit strategies for existing buildings, building on lessons learned from past efforts.
- Collaborate with industry partners, such as community based organizations, local governments, institutions building and trade associations, contractors, financing organizations and others.
- Identify an integrated suite of cost effective innovative/emerging energy efficiency technologies.
- Describe the methods to be used to test the strategy and suite of innovative technologies.
- Determine the cost effectiveness criteria to be used for each building type.
- For disadvantaged communities, discuss strategies to overcome constraints faced by low income renters and building owners with respect to split incentives, etc.





# Technology Demonstration and Deployment Focus

*For strategies that have been tested and verified, the next step is to scale up demonstration and deployment in targeted building(s) totaling at least 300,000 square feet using the strategies developed under Applied Research or others, as approved by the Commission Agreement Manager. The test and demonstration sites could be the same.*

**The proposal must include the following, at a minimum, in the Scope of Work (Attachment 6):**

- Secure commitments from demonstration sites.
- Propose one or more existing buildings totaling at least 300,000 square feet (e.g., residential, multifamily, low income, commercial buildings).
- Conduct detailed independent monitoring and verification using IOU accepted protocols for minimum period of six months pre- and six months post retrofit for each building, and extrapolation to annualize the data, including assumptions and inputs to be used for building simulation model.
- Discuss the deployment strategy(ies) for each building type and how the strategy(ies) would lead to a pathway to a viable business model for replicating and scaling up into similar buildings without need for further EPIC grant funding, and how the model would overcome barriers to retrofits. Include any commitments for future retrofits, independent of EPIC funds.

## Technology Demonstration and Deployment Focus (cont'd)

- Discuss how project results will be reported, how energy savings will be documented, and how the project will achieve the following:
  - ▶ Reduced customer acquisition costs.
  - ▶ Potential to increase future retrofit uptake rates and scalability.
  - ▶ Potential to reduce non-compliance with existing code requirements.
  - ▶ Documentation of quantitative and qualitative benefits and savings to the financial markets, building owners and others.
  - ▶ Potential to reduce the technical and financial risk to the public/private markets and to help overcome barriers associated with lack of technical expertise and knowledge.
  - ▶ Develop creative mechanisms for financing retrofits with involvement by the financial industry.
- For properties focused on disadvantaged communities, discuss the impact of the resulting demonstration to overcome constraints faced by low income renters and building owners with respect to split incentives, timing for major refinancing events, minimum savings relative to transaction time and costs, and lack of technical expertise.
- Discuss the overall potential for cost effectiveness and how the project will meet the savings goals across the portfolio of sites.



# Key Dates

Activity	Action Date
Solicitation Release	9/11/2017
Pre-Application Workshop	9/18/2017, 2:00 pm
<b>Deadline for Written Questions</b>	<b>9/20/2017, 5:00 pm</b>
Anticipated Distribution of Questions and Answers	Week of 10/1/2017
<b>Deadline to Submit Applications</b>	<b>11/16/2017, 5:00 pm PDT</b>
Anticipated Notice of Proposed Award Posting Date	Week of 12/18/2017
Anticipated Energy Commission Business Meeting Date	3/14/2018
Anticipated Agreement Start Date	5/1/2018
Anticipated Agreement End Date	12/31/2021



# Available Funding

The funding for this solicitation will be divided among three groups—Northern California, Southern California, and Disadvantaged Communities (See Section I.B. for definitions).

Proposals can include projects in multiple building types, such as:

- single and/or multifamily residential,
- commercial,
- K-12 schools,
- education facilities,
- hospitals,
- institutional and/or government buildings.

All proposals must include multiple energy efficiency projects and include one or more existing buildings totaling at least 300,000 square feet (e.g., residential, multifamily, low income, commercial buildings).



# Available Funding

There is up to \$32,500,000 available for this solicitation. Each award will consist of **1/3 Applied Research** and **2/3 Technology Demonstration and Development Funds**

Project Group	Available Funding	Minimum Award Amount	Maximum Award Amount	Minimum Match Funding
<b>Group 1:</b> Southern California	\$11,250,000	\$6,000,000	\$10,000,000	25%
<b>Group 2:</b> Northern California	\$11,250,000	\$6,000,000	\$10,000,000	25%
<b>Group 3:</b> Disadvantaged Communities	\$10,000,000	\$5,000,000	\$10,000,000	25%

It is anticipated that at least four agreements will be awarded (one in Group 1, one in Group 2 and two in Group 3). Only one award will be made per prime entity for this solicitation (see definition in Section I.B.).



# Group Definitions

## Group 1, Southern California

- ▶ Southern California is defined as test, demonstration and deployment sites located in electric IOU service areas in the following counties: Imperial, Los Angeles, Orange, Riverside, San Bernardino, San Diego, Santa Barbara, Ventura, Kern and San Luis Obispo-Prime must be located in Southern CA

## Group 2, Northern California

- ▶ Northern California is defined as test, demonstration and deployment sites located in electric IOU service areas in any county not listed in Southern California. Prime must be located in Northern CA

*While it is not required to locate Group 1 or Group 2 projects within a disadvantaged community, demonstrations in disadvantaged communities are encouraged and will be considered under the scoring criteria for this GFO.*



## Group Definitions (cont'd)

### Group 3, Disadvantaged Communities.

- ▶ These are communities defined as areas representing census tracts scoring in the top 25 % in *CalEnviroScreen 3.0*.

*For more information on disadvantaged communities and to determine if your project is in a disadvantaged community, use the California Communities Environmental Health Screening tool (CalEnviroScreen 3.0):*

<https://oehha.ca.gov/calenviroscreen/report/calenviroscreen-30>

## Group Definitions (cont'd)

- While there may be substantial overlap on many of the tasks across the groups, the awardees for Group 3 are expected to focus their efforts on the problems faced by disadvantaged communities-- including higher proportions of rental properties, lower incomes and limited access to investment capital, older and poorly-maintained building stock and possibly greater need for community-based engagement strategies and split incentives between building owners and occupants.
- Proposals for Group 3 should test strategies that leverage and expand on efforts by community-based organizations, non-profit housing corporations and government housing authorities and help address the aforementioned problems.





# Match Funding

- All Groups: At least **25 percent** of the requested EPIC funds **is required** as match funding.
- Scoring criteria and bonus points only apply to match funding commitments **above minimum requirements**.
- Match funding contributors must submit match funding commitment letters that meet the requirements of Attachment 11. Failure to do so will disqualify the match funding commitment from consideration.
- Refer to Section 1.F for match fund eligibility.

# Match Funding Requirements

- Match funds include the following if used for project expenses: (1) “cash in hand” funds; (2) equipment; (3) materials; (4) information technology services; (5) travel; (6) subcontractor costs; (7) contractor/project partner in-kind labor costs; and (8) advanced practice costs. Match funding sources can include the prime contractor, subcontractors, and pilot testing/demonstration deployment sites
- Match funds do not include: Energy Commission awards, future/contingent awards from other entities (public or private), the cost or value of the project work site, or the cost or value of structures or other improvements affixed to the project work site permanently or for an indefinite period of time.
- An addendum will be added to provide the definitions of match fund categories identified above.



# Match Funding Example

Applicants may receive up to 10 additional points based on the criteria below:

- ▶ Up to 5 points will be awarded based on the percentage of match funding that **exceeds the minimum match funding amount**. This ratio will be multiplied by 5 to yield the points.

For example: If requested EPIC funds are \$1,000,000, the Applicant must provide at least \$250,000 in match funding. If \$500,000 is provided in match funding, the amount that will be evaluated for additional points is \$250,000. Thus the ratio =  $\$250,000 / \$1,000,000 = 0.25$ .

- ▶ Up to 5 points will be based on the level of commitment, type of match funding, dollar value justification, and funding replacement strategy described in the match funding commitment letter(s).
- ▶ See Section IV.F for application scoring scale.



# Eligible Applicants

- This is an open solicitation for public and private entities.
- Applicants must accept the EPIC terms and conditions.
  - ▶ Standard, University of California and Department of Energy T&Cs:  
<http://www.energy.ca.gov/research/contractors.html>
- Applicants are required to register with the California Secretary of State and be in good standing to enter into an agreement with the Energy Commission.  
<http://www.sos.ca.gov>
- Applicants must propose a team with proven ability to successfully complete similar projects.



# GFO Submission Requirements (Electronic Submission)

- Preferred method of Delivery is the Energy Commission Grant Solicitation System, available at: <https://gss.energy.ca.gov/>.
- Electronic files must be in Microsoft Office Word (.doc, .docx) and Excel (.xls, .xlsx) formats, unless originally provided in solicitation in another format.
- Attachments requiring signatures (Application Form and Support/Commitment Letters) may be scanned and submitted in PDF format.
- First-time users must register as a new user to access system.
- Live Demo Tutorial



# Live Demo Tutorial (Electronic Submission)

"How to Apply" video will be posted at the Grant Funding Opportunity's webpage:

[http://www.energy.ca.gov/contracts/GSS/GSS How to Apply Video.mp4](http://www.energy.ca.gov/contracts/GSS/GSS%20How%20to%20Apply%20Video.mp4)



# GFO Submission Requirements (Hard Copy Submission)

- Submit Applications with all attachments in the order specified by the due date and time listed in Section I.G. of the manual.
- Application documents should meet formatting requirements, page limits, and number of copies specified in Sections III.A. and III.C.
  - ▶ **One** hard copy and **one** electronic copy\* containing electronic files of the application.

\* CD-ROM or USB memory stick

# Application Requirements

## Each Applicant must complete and include the following:

1. Application Form ( <i>requires signature</i> ) (.pdf)	7. Budget (.xls)
2. Executive Summary (.docx)	8. CEQA Compliance Form (.docx)
3. Fact Sheet (.docx)	9. References and Work Product (.docx, .pdf)
4. Project Narrative (.docx)	10. Contact List (.docx)
5. Project Team (.docx, .pdf)	11. Commitment and Support Letters ( <i>letters require signature</i> ) (.pdf)
6. Scope of Work (.docx)	
6a. Project Schedule (.xlsx)	

Be Consistent in your application!





# Project Narrative (Attachment 4)

- This is your opportunity to tie everything together and explain the entirety of the project. The narrative should explain:
  - ▶ Why your project is important?
  - ▶ What you will be doing in your project?
  - ▶ How are you going to complete the project?
  - ▶ How will ratepayers benefit?
  - ▶ What it is going to cost ratepayers, and is it worth it?
  - ▶ Address the additional requirements listed in Sections II.B.2. and II.B.4.



## Scope of Work (Attachment 6)

- Tell us exactly what you are proposing to do in your project.
- Identify what you will deliver to the Energy Commission.
- Be sure to include in the tasks:
  - ▶ At least one product per task
  - ▶ Address requirements in Section II.B.2.
- Be sure to include Project Schedule (Attachment 6a)
  - ▶ Be realistic on when product deliverables can be completed



# Budget (Attachment 7)

- Identify how you will be spending EPIC funds and match funds to complete this project.
- Each Applicant and subcontractor receiving \$100,000 or more of Energy Commission funds must complete the budget forms.
- This must be submitted in the same format (excel file) as it is provided.
- Do not delete sheets or rows, use the hide/expand functions.
  - ▶ Shaded cells are automatically filled or calculated.
- Projects that receive an award of public funds from the Energy Commission are likely to be considered a public works project under the California Labor Code and payment of prevailing wage. Payment of prevailing wages can be significantly higher than non-prevailing wages and this should be factored into the budget—refer to Section III.D., item 8, and also the terms and conditions, item 10
- Ensure that any rates provided are MAXIMUM rates for the entire term of the agreement



# Commitment and Support Letter Forms (Attachment 11)

- This form provides guidelines for letters of support or commitment that are submitted with the application.
  - ▶ Commitment letter commits an entity or individual to providing the service or funding described.
  - ▶ Support letter details an entity's or individual's support for the project.
- All Applicants are required to submit **at least one** support letter from a project stakeholder.
- Any project partners that will make other contributions to the project must submit a commitment letter.
- Match funding for each Application must be supported by a match fund commitment letter.
- Limited to two pages per letter, excluding the cover page.



# How will my Application be Evaluated?

## → Application Screening

### Application Admin Screening Process

1. Energy Commission staff screens applications per criteria in the solicitation (section IV.E).
2. Criteria are evaluated on a pass/fail basis.
  - ✓ Applicants must pass all screening criteria or the application will be disqualified.

### Some Reasons for Disqualification

- ✓ Application not submitted by the specified due date and time.
- ✓ Applicant did not address one of the eligible project groups.
- ✓ Application does not include one or more support letters.
- ✓ Application contains confidential material.



# How will my Application be Evaluated?

## → Application Scoring (Groups 1, 2, and 3)

- Evaluation Committee applies the scoring scale to the scoring criteria.
- Applications must obtain a minimum passing score of 70% for criteria 1-4 (or 49 points) in order to continue evaluation, and must also obtain a minimum passing score of 70% overall for criteria 1-7 (or 70 points), in order for an Application to be considered for funding. Passing applications will be considered bonus points.
- Each Applicant must review the Evaluation and Award Process section of the solicitation and ensure that the application provides a clear and complete response to each scoring criteria in the project narrative.

Scoring Criteria (section IV.F)	Maximum Points
Technical Merit and Need	20
Technical Approach	20
Impacts and Benefits for CA IOU Ratepayers	20
Team Qualifications, Capabilities and Resources	10
Budget and Cost-Effectiveness	10
EPIC Funds Spent in CA	15
Ratio of Direct Labor and Fringe Benefit Costs to Loaded Labor Costs	5
<b>Total</b>	<b>100</b>
<b>Minimum points to pass</b>	<b>70</b>



# Disadvantaged Communities Groups 1 and 2

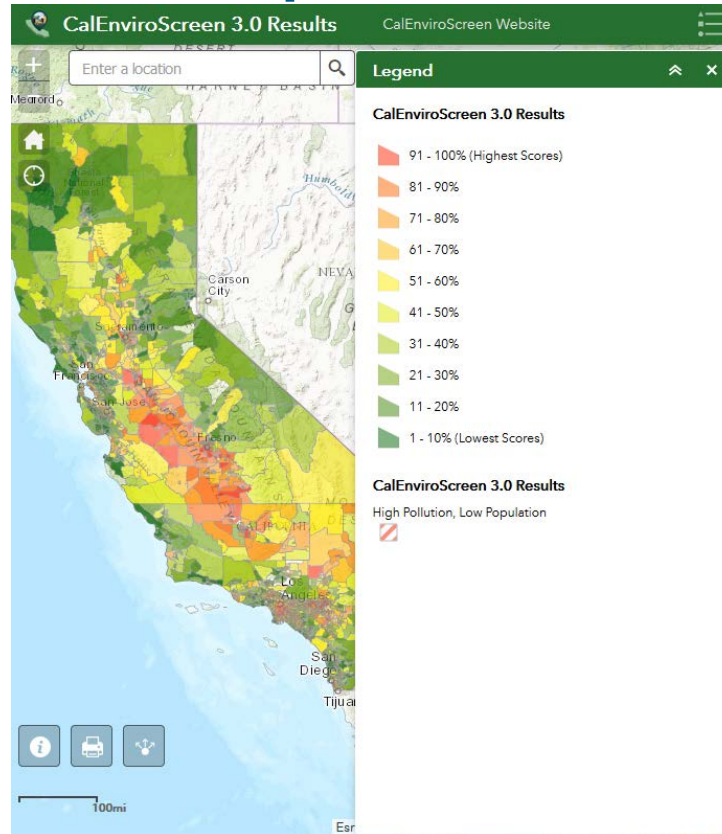
- Projects with test or demonstration sites located in disadvantaged communities (and justifies how the project will benefit the disadvantaged community) will receive additional points.
- A disadvantaged community is identified by census tract and represents the 25% highest scoring tracts in CalEnviroScreen 3.0 or later versions.\*

\**CalEnviroScreen 3.0 Maps and Data*. Office of Environmental Health Hazard Assessment.

<https://oehha.ca.gov/calenviroscreen/report/calenviroscreen-30>

# Disadvantaged Communities

## Groups 1, 2 and 3







# Additional Bonus Points

- Applications must meet both minimum passing scores (Scoring Criteria 1-4 and 1-7) to be eligible for the additional points. Bonus point criteria include:
  - Match Funding
    - Groups 1, 2, and 3 - above 25%
  - Disadvantaged Communities (Groups 1 and 2)

Scoring Criteria (section IV.F)	Maximum Points
Match Funding	10
Disadvantaged Communities ( <b>Groups 1 and 2</b> )	5
<b>Total Bonus Points (Groups 1 and 2)</b>	<b>15</b>
<b>Total Bonus Points (Group 3)</b>	<b>10</b>



# Next Steps After Grant Award

- **Agreement Development:** Proposal documents will be processed into a legal agreement. (Approximately 8 weeks)
- **Failure to Execute:** If the Energy Commission is unable to successfully execute an agreement with an applicant, it reserves the right to cancel the pending award\*
- **Project Start:** Recipients may begin the project only after full execution of the grant agreement (i.e., approval at an Energy Commission business meeting and signature by the Recipient and the Energy Commission)

\*Refer to the Grant Manual, Section IV.B

# Questions and Answers



- Please state your name and affiliation as an introduction.
- Please keep questions under 3 minutes to allow enough time for others.
- Please note that our official response will be giving in writing in the Q&A document. We encourage you to submit all questions in writing in addition to asking them today.



# Additional Questions?

Please send all questions related to GFO-17-304 to:

**Brad Worster**

Commission Agreement Officer

1516 Ninth Street, MS-18

Sacramento, CA 95814

(916) 654-4299

(916) 654-4423 (fax)

[Brad.Worster@energy.ca.gov](mailto:Brad.Worster@energy.ca.gov)

**Deadline to submit questions:**

**Wednesday, September 20, 2017 5:00 PM PDT**